

AMENDMENTS TO THE SPECIFICATION

Please replace the present title with the following amended title:

HUMAN IGM ANTIBODY INDUCING ~~APOTOSIS~~APOPTOSIS IN HIV-INFECTED
CELLS AND REMEDY FOR HIV-INFECTION

**Please replace Table 2 (Incorporated Sheets 2-5 filed April 7, 2008) of the
specification with the following amended Table.**

TABLE 2: Examples of cDNA, ~~encoding~~and equivalent amino acids (i.e., SEQ ID NOs: 4 and 5
and conservatively modified variants thereof), ~~encoding in the amino acid sequences~~sequence of
2G9 antibody (SEQ ID NO: 3)

1

SEQ. ID NO.: 3

M E L G L R W V F L V A I L E G V Q C E

SEQ. ID NO.: 4

ATA GAA TTA GGT TTA CGT TGA GTT TTT TTA GGT GCT ATT TTA GAA GGT GTT CAA TGT GAA

SEQ. ID NO.: 5

ATG GAG TTG GGC TTG CGC TGG GTC TTC TTG GTC GCC ATC TTC GAG GGC GTC CAG TGC GAG

CTT GGA CTT CGA GTA CTT GTA GCA CTT GGA GTA

CTC GGG CTC CGG CTG CTC GTG GAG CTC GGG GTG

CTA CTA CTA CTA CTA

CTG CTG CTG CTG CTG

21

V Q L V E S G G G L V X B G E S L R L S

GTT CAA TTA GTT GAA TCT GGT GGT TTA GTT AAA CCT GGT TCT TTA CGT TTA TCT

GTC CAG TTG GTC GAG TCC GGC GGC TTG GTC MAG CCC GGC TCC TTG GGC TTG TCC

GTA CTT GTA TCA GGA GGA CTT GTA CCA GGA GGA TCA CTT CCA CTT TCA

GTG CTC GTG TCG GGG GGG GGC CTC GTG CCG GGG GGG TCG CTC GGC CTC TCG

CTA CTA AGT AGT AGT AGT AGT AGT AGT AGT

CTG CTG AGC AGC AGC AGC AGC AGC AGC AGC

41

C A A S G F T F S T Y S M N W V R Q A P
TGT GCT GCT TCT GGT TTT ACT TTT TCT ACT TAT TAT ATA AAT TGA GTT CGT CAA GCT CCT
TGC GCC GCC TCC GGC TTC ACC TTC TCC ACC TAC TCC ATG AAC TGG GTC CGC CAG GCC CCC
GCA GCA TCA GGA ACA TCA ACA TCA CTA CGA GCA CCA
GCG GCG TCG GGG ACG TCG ACG TCG GTG CGG GCG CGG
AGT AGT AGT
AGC AGC AGC

61

G K G L E W V S S I S S S S Y I Y Y A
GGT AAA GGT TTA GAA TGA GTT TCT TCT ATT TCT TCT TCT TCT TAT TAT TAT TAT GCT
GGC AAG GGC TTG GAG TGG GTC TCC TCC ATC TCC TCC TCC TCC TAC TAC TAC TAC GGC
GGA GGA CTT GTA TCA TCA TCA TCA TCA TCA TCA
GGG GGG CTC GTG TCG TCG TCG TCG TCG TCG TCG
CTA AGT AGT AGT AGT AGT AGT AGT AGT
CTG AGC AGC AGC AGC AGC AGC AGC AGC

81

D	S	V	K	G	R	F	T	I	S	R	D	N	A	K	N	S	L	Y	L
GAT	TCT	GTT	AAA	GGT	CGT	TTT	ACT	ATT	TCT	CGT	GAT	AAT	GCT	AAA	AAT	TCT	TTA	TAT	TTA
GAC	TCC	GTC	ANG	GSC	CGC	TTC	ACC	ATC	TCC	CGC	GAC	AAC	GCC	AAG	AAC	TCC	TTG	TAC	TTG
TCA	GTA		GGA	CGA		ACA		TCA	CGA		GCA		TCA	CTT		CTT			
TCG	GTC		GGG	CGG		ACG		TCG	CGG		GCG		TCG	CTC		CTC			
AGT								AGT					AGT	CTA		CTA			
AGC								AGC					AGC	CTG		CTG			

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Q N N S L R A B D T A V Y Y C A R D L L
CAA ATA AAT TCT TTA CGT GCT GAA GAT ACT GCT GAT TAT TAT TCT GCT GAT TTA TTA
CAG ATG AAC TCC TTG CGC GCC GAG GAC ACC GCC CTC TAC TGC GCC CGC GAC TTG TTG
TCA CTT CGA GCA ACA GCA GTA GCA CGA CTT CTT
TCG CTC CGG GCG ACG GCG GTG GCG CGG CTC CTC
AGT CTA CTA CTA
AGC CTG CTG CTG

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I A V A G H N G Q G T L V T V S S
ATT GCT GTT GCT GGT CAT TGA GGT CAA GGT ACT TTA GTT ACT GTT TCT TCT
ATC GCC GTC GCC GGC CAC TGG GGC CAG GGC ACC TTG GTC ACC GTC TCC TCC
GCA GTA GCA GGA GGA ACA CTT GTA ACA GTA TCA TCA
GCG GTG GCG GGG GGG ACG CTC GTG ACG GTG TCG TCG
CTA AGT AGT
CTG AGC AGC